

Name: _____ Date: _____

Heat Hero Challenge: Can You Master Temperature Magic for Kindergarten?

How does an oven bake cookies or an ice cube vanish? Identify thermal energy sources and predict heat flow during this interactive station review activity.

1. Imagine you are wearing a fluffy winter coat. Why does your body feel warm inside it?

- A. The coat makes its own fire
- B. The coat traps your body's heat
- C. The coat is made of ice
- D. The coat comes from the sun

2. A metal slide on a sunny playground feels hotter than the plastic swings.

- A. True
- B. False

3. When you put a warm chocolate bar in the freezer, it will become ____.

- A. Hotter
- B. Spicy
- C. Hard
- D. Gas

4. Which of these needs heat to work correctly?

- A. A bicycle
- B. A toaster
- C. A pillow
- D. A book

5. Rubbing your hands together very fast makes them feel colder.

- A. True
- B. False

6. If you put an ice cube into a cup of hot cocoa, the ice cube will ____.

- A. Grow bigger
- B. Turn into a rock
- C. Melt
- D. Stay frozen

7. Which animal uses the sun's heat to warm up its body in the morning?

- A. A lizard on a rock
- B. A fish deep in the ocean
- C. An owl in a dark barn

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D. A worm under the dirt

8. Heat always moves from something cold to something hot.

- A. True
- B. False

9. A ___ is a tool we use to see if our body has a fever or if it is cold outside.

- A. Ruler
- B. Clock
- C. Thermometer
- D. Mirror

10. What happens to water in a pot when it gets very, very hot on the stove?

- A. It turns into bubbles and steam
- B. It turns into ice cubes
- C. It turns into sand
- D. Nothing happens